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(a) providing a fire-extinguishing agent comprising an azeotropic or near azeotropic blend of a fluoriodocarbon and at least one additive in a discharge apparatus; and

(b) discharging a fire-extinguishing amount of the fire-extinguishing agent from the discharge apparatus.--

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--158. The method of claim 157, wherein the fluoriodocarbon is selected from the group consisting of bromodifluoriodomethane, chlorodifluoriodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, difluorodiiodomethane, difluoriodomethane, 1,2,2,3,3,4,4,5,5,6,6,-dodecafluoro-1,6-diiodoheptane, fluoriodomethane, 1,1,1,2,3,3,3-heptafluoro-2-~~i~~^{*iodopropane*}~~iodopropane~~, 1,1,2,2,3,3,3-heptafluoro-1-iodopropane, 1,1,2,2,3,3-hexafluoro-1,3-diiiodopropane, 1-iodoheptadecafluorooctane, iodoheptafluorocyclobutane, 1-iodopentadeca-fluoroheptane, iodopentafluoro-cyclopropane, 1-iodotridecafluorohexane, 1-iodo-undecafluoropentane, N-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiiodobutane, pentafluoriodoethane, 1,1,2,2-tetrafluoro-1,2-diiiodoethane, 1,1,2,2-tetrafluoro-1-iodoethane, 1,1,2-trifluoro-1-iodoethane, trifluoriodomethane, and trifluoromethyl-1,1,2,,2-tetrafluoro-2-iodoethyl ether.--

~~-159. The method of claim 157, wherein the additive is selected from the group consisting of hydrofluorocarbons, perfluorocarbons, and fluoroethers.--~~

--160. The method of claim 157, wherein the fluoroiodocarbon comprises CF_3I and the additive comprises trifluoromethane.--

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--161. The method of claim 157, wherein the fluoroiodocarbon comprises CF_3I and the additive comprises pentafluoroethane.--

--162. The method of claim 157, wherein fluoroiodocarbon comprises CF_3I and the additive comprises 1,1,1,2-tetrafluoroethane.--

--163. The method of claim 157, wherein fluoroiodocarbon comprises CF_3I and the additive comprises 1,1,1-trifluoroethane.--

--164. the method of claim 157, wherein the fluoroiodocarbon comprises CF_3I and the additive comprises perfluorobutane.--

--165. The method of claim 157, wherein the fluoroiodocarbon comprises $\text{CF}_3\text{CF}_2\text{CF}_2\text{I}$ and the additive comprises perfluorohexane.--

--166. The method of claim 157, wherein the additive comprises a hydrofluorocarbon selected from the group of consisting of 1,1,1,2,3,3,3-heptafluoropropane, pentafluoroethane, 1,1,2,2,3-pentafluoropropane, 1,1,1,2-tetrafluoroethane, 1,1,2,2-tetrafluoroethane, 1,1,1-trifluoroethane, 1,1,2-trifluoroethane and trifluoromethane.--

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--167. The method of claim 157, wherein the additive comprises a perfluorocarbon selected from the group of consisting of decafluorobutane, dodecafluoropentane, hexafluorocyclopropane, hexafluoroethane, octafluorocyclobutane, octafluoropropane, tetradecafluorohexane and tetrafluoromethane.--

--168. The method of claim 157, wherein the additive comprises a fluoroether selected from the group consisting of bis-difluoromethyl ether, methyl trifluoromethyl ether, octafluoro-1,3-dioxolane, 1,1,2',2',2'-pentafluoro methyl ethyl ether, perfluorodimethoxymethane, perfluorodimethyl ether, perfluorooxetane, difluoromethyl trifluoromethyl ether, trifluoromethyl pentafluoroethyl ether and trifluoromethyl 1,1,2,2-tetrafluoroethyl ether.--

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--169. A method of using a fire extinguishing agent, comprising the steps of:

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(a) placing the agent in a discharge apparatus; and

(b) discharging a fire-extinguishing amount of the agent from the discharge apparatus wherein the agent comprises an azeotropic or near azeotropic blend of at least one additive and a fluoriodocarbon selected from the group consisting of bromodifluoriodomethane, chlorodifluoriodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, 1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-1,6-diiodohexane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptadecafluorooctane, iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodoundecafluoropentane, N-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, 1,1,2,2-tetrafluoro-1,2-diiodoethane, and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether.--

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--170. A method of using a fire extinguishing agent, comprising the steps of:

(a) providing a fire-extinguishing agent comprising a blend of a fluoriodocarbon and at least one additive selected from the group consisting of hydrofluorocarbons, perfluorocarbons and fluoroethers in a discharge apparatus; and

(b) discharging a fire-extinguishing amount of the fire-extinguishing agent from the discharge apparatus.--

--171. The method of claim 170, wherein the fluoriodocarbon is selected from the group consisting of bromodifluoriodomethane, chlorodifluoriodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiiodopentane, difluorodiiiodomethane, difluoriodomethane, 1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-1,6-diiiodohexane, fluoriodomethane, 1,1,1,2,3,3,3-heptafluoro-2-iodopropane, 1,1,2,2,3,3,3-heptafluoro-1-iodopropane, 1,1,2,2,3,3-hexafluoro-1,3-^{diiiodopropane}~~diiiodopropane~~, 1-iodoheptadecafluorooctane, iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluoro-cyclopropane, 1-iodotridecafluorohexane, 1-iodoundecafluoropentane, N-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-^{diiiodobutane}~~diiiodobutane~~, pentafluoroiodoethane, 1,1,2,2-tetrafluoro-1,2-diiiodoethane, 1,1,2,2-tetrafluoro-1-iodoethane, 1,1,2-trifluoro-1-iodoethane, trifluoriodomethane, and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether.--

--172. The method of claim 170, wherein the fluoriodocarbon comprises CF_3I and the additive is selected from the group consisting of trifluoromethane, pentafluoroethane, 1,1,1,2-tetrafluoroethane and 1,1,1-trifluoroethane.--

--173. The method of claim 170, wherein the fluoroiodocarbon comprises CF_3I and the additive comprises perfluorobutane or perfluorohexane.--

--174. The method of claim 170, wherein the additive comprises a hydrofluorocarbon selected from the group of consisting of 1,1,1,2,3,3,3-heptafluoropropane, pentafluoroethane, 1,1,2,2,3-pentafluoropropane, 1,1,1,2-tetrafluoroethane, 1,1,2,2-tetrafluoroethane, 1,1,1-trifluoroethane, 1,1,2-trifluoroethane and trifluoromethane.--

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--175. The method of claim 170 wherein the additive comprises a perfluorocarbon selected from the group consisting of decafluorobutane, dodecafluoropentane, hexafluorocyclopropane, hexafluoroethane, octafluorocyclobutane, octafluoropropane, tetradecafluorohexane and tetrafluoromethane.--

--176. The method of claim 170, wherein the additive comprises a fluoroether selected from the group of consisting of bis-difluoromethyl ether, methyl trifluoromethyl ether, octafluoro-1,3-dioxolane, 1,1,2',2',2'-pentafluoro methyl ethyl ether, perfluorodimethoxymethane, perfluorodimethyl ether, perfluorooxetane, difluoromethyl trifluoromethyl ether,

trifluoromethyl pentafluoroethyl ether and trifluoromethyl 1,1,2,2-tetrafluoroethyl ether.--

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--177. A method of using a fire extinguishing agent, comprising the steps of:

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(a) placing the agent in a discharge apparatus; and
(b) discharging a fire-extinguishing amount of the agent, wherein the agent comprises a blend of a fluoriodocarbon and at least one additive, the fluoriodocarbon being selected from the group consisting of bromodifluoriodomethane, chlorodifluoriodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, 1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-1,6-diiodohexane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptadecafluorooctane, iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodoundecafluoropentane, N-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, 1,1,2,2-tetrafluoro-1,2-diiodoethane and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether, and the additive being selected from the group consisting of hydrofluorocarbons, perfluorocarbons and fluoroethers.--